

April 20, 2000

DRAFT MOA OUTLINE
Columbia/Snake TMDL

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Introduction and Purpose: TBD

Scope: TBD

Signatories:

- US Environmental Protection Agency
- State of Washington
- State of Oregon
- State of Idaho

Requested to Participate in Implementation(Ecology):

Tribes

PUDs:

- Grant County PUD
- Douglas County PUD
- Chelan County PUD
- Seattle City Light,
- Avista
- Pend Orielle PUD(Ecology)

- Idaho Power
- Bonneville Power Administration
- US Army Corps of Engineers
- US Bureau of Reclamation
- US FWS
- US National Marine Fisheries Service

Coordinate with:

FERC
DOJ
Others TBD

Vision and Final Products: TBD

Conceptual Approach:

EPA will produce:

1. the a TMDL for temperature for the Snake/Columbia Mainstem using the model developed by Dr. John Yearsley. This work will incorporate the Hells Canyon complex temperature TMDL being done by Idaho and Oregon. This will be done in cooperation with states and tribes and federal agencies. The Yearsley model will also be useful for dissolved gas.
2. A separate model for Lake Roosevelt.
3. An evaluation [model ?] of temperature inputs coming from Canada.(Ecology)

Each State will produce: **TBD**

Roles of Signatories: (all)

EPA:

Lead for temperature TMDL (except Hells Canyon complex)
Strong support role in Hell's Canyon temperature TMDL
Coordinate gas TMDLs
Coordinate Tribal participation*
Coordinate federal participation per BiOp
Ensure the coordination and linkage of the entire effort

Oregon: **TBD**

Idaho: **TBD**

Washington: **TBD**

Expected Roles of Cooperating Agencies:(all)

USACE:

PUDs/Private Dams:

FERC:

NMFS:

Resources:

EPA:

\$75,000 for application of temperature model

0.2 fte(est.) of Dr. Yearsley

0.5 Mary Lou Soscia

0.1 fte from TMDL unit

1.0 fte (vacancy in OOO)

Oregon: **TBD**

Idaho: **TBD**

Washington: **TBD**

Schedule: TBD

MOA Modifications: TBD

Signatures: TBD